

Comparisons of Job Characteristics

Focus Occupation: Maintenance Workers, Machinery (49-9043)

Associated Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 75

Focus Occupation: Maintenance Workers, Machinery (49-9043)

Associated Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	18.5	21.8	>>	Current knowledge level is likely more than sufficient
Sales and Marketing	5.2	8.8	1.3	<<	Extensive education and/or training may be required
Economics and Accounting	4.4	7.1	1.6	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 94

Focus Occupation: Maintenance Workers, Machinery (49-9043)

Associated Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Repairing	3.4	11.9	11.8	0	Current skill level may be sufficient
Equipment Maintenance	3.5	11.5	11.9	0	Current skill level may be sufficient
Troubleshooting	4.5	11.5	11.0	0	Current skill level may be sufficient
Operation Monitoring	6.6	10.2	11.9	>	Skill level is likely sufficient
Quality Control Analysis	5.9	9.8	10.0	0	Current skill level may be sufficient
Operation and Control	5.4	9.5	10.6	>	Skill level is likely sufficient
Equipment Selection	3.3	7.8	8.5	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 93			
Focus Occupation: Maintenance Workers, Machinery (49-9043) Associated Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	11.4	9.5	<	Some improvement in abilities may be required
Finger Dexterity	7.6	11.4	9.4	<	Some improvement in abilities may be required
Manual Dexterity	6.5	10.8	9.7	<	Some improvement in abilities may be required
Arm-Hand Steadiness	6.8	10.7	10.7	0	Current ability level may be sufficient
Visualization	7.5	10.6	10.0	0	Current ability level may be sufficient
Multilimb Coordination	6.0	10.0	8.2	<	Some improvement in abilities may be required
Extent Flexibility	4.8	8.7	7.9	<	Some improvement in abilities may be required
Wrist-Finger Speed	3.2	6.4	4.0	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 84
Focus Occupation: Maintenance Workers, Machinery (49-9043) Associated Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)		
Work Activities	Exclusivity of Activity	
Adhere to safety procedures	12	
Adjust or set mechanical controls or components	69	
Apply cleaning solvents	41	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Inspect machinery or equipment to determine adjustments or repairs needed	42	
Maintain repair records	65	
Move or fit heavy objects	8	
Observe or listen to machinery or equipment operation to detect malfunctions	81	
Perform safety inspections in industrial, manufacturing or repair setting	32	
Read specifications	23	
Read work order, instructions, formulas, or processing charts	9	
Repair or replace malfunctioning or worn mechanical components	62	
Test mechanical products or equipment	56	

Understand service or repair manuals	40
Use hand or power tools	2
Use knowledge of metric system	39
Use precision measuring devices in mechanical repair work	61

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Maintenance Workers, Machinery (49-9043)

Associated Occupation: Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.